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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,089	10/23/2001	William A. Fischer	10017888 -I	9254

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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EXAMINER

TANG, KAREN C

ART UNIT	PAPER NUMBER
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2151

DATE MAILED: 02/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/004,089

Applicant(s)

FISCHER, WILLIAM A.

Examiner

Karen C Tang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10/23/01 & 6/20/03</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

I. Claims 1-13 and 16-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fernandez et al hereinafter Fernandez in view of "Official Notice".

1. Referring to Claim 1, Fernandez discloses a method of configuring a user interface of computer-assisted equipment (4, refer to Fig 2) according to a service program, comprising the steps of: said computer-assisted equipment transmitting (46) a message to a remote computer (6), said determining being based on said message (java applets, refer to Col 5, Lines 13-17), and said remote computer influencing operation of said user interface of said computer-assisted equipment in accordance with said service program (refer to Col 2, Lines 54-67, Col 5, Lines 1-60, and Col 6, Lines 30-50, and Col 8).

Fernandez does not expressly disclose the computer determine that service program available on the computer is suitable for usage with computer assisted equipment.

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Official Notice is taken that it is obvious that a remote computer would automatically detect the type of program is suitable for use with certain hardware equipments

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to indicate the appliances readiness by the service request.

The suggestion and motivation for doing so would have been that would have been that Fernandez indicate the usage of USB and operating system (refer to Col 3, Lines 15-41) It is well known in the art that when connect hardware such as USB onto a computer (with window OS), the operating system automatically would display a pop-up message to warn the user that the system detect a hardware and have a list of programs for the users to choose from.

2. Referring to Claim 33, Fernandez discloses one or more computer-readable media having computer-readable instructions thereon which, when executed by a computer (refer to Col 2, Lines 65-67 and Col 3, Lines 1-15), cause the computer to perform a method comprising the steps of: receiving a service query from a computer-assisted appliance (Col 6, Lines 50-67), configuring an interface of said computer-assisted appliance (refer to Col 5, Lines 20-35, and Col 6, Lines 40-50), and receiving information from said computer-assisted appliance (refer to Col 5, Lines 35-60), said information being conveyed from said interface and resulting from a user interacting with said interface (refer to Col 6, Lines 50-67 and Col 8, Lines 1-11).

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Fernandez does not expressly disclose the computer determine that service program available on the computer is suitable for usage with computer assisted equipment.

Official Notice is taken that it is obvious that a remote computer would automatically detect the type of program is suitable for use with certain hardware equipments

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to indicate the appliances readiness by the service request.

The suggestion and motivation for doing so would have been that would have been that Fernandez indicate the usage of USB and operating system (refer to Col 3, Lines 15-41) It is well known in the art that when connect hardware such as USB onto a computer (with window OS), the operating system automatically would display a pop-up message to warn the user that the system detect a hardware and have a list of programs for the users to choose from.

3. Referring to Claim 24, Fernandez discloses in a remote computer (6), a method for cooperating with computer- assisted equipment (4, refer to Fig 2), comprising the steps of: receiving a request for service from said computer-assisted equipment (refer to Col 5, Lines 60-67), said service program including an interface instruction (refer to Col 8, Lines 1-11), transmitting said interface instruction to said computer-assisted appliance (refer to Col 8, Lines 1-30), and cooperating with said computer-assisted appliance in accordance with said service program (Col 8, and Col 9, Lines 1-10).

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Fernandez does not expressly disclose the computer determine that service program available on the computer is suitable for usage with computer assisted equipment.

Official Notice is taken that it is obvious that a remote computer would automatically detect the type of program is suitable for use with certain hardware equipments.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to indicate the appliances readiness by the service request.

The suggestion and motivation for doing so would have been that would have been that Fernandez indicate the usage of USB and operating system (refer to Col 3, Lines 15-41) It is well known in the art that when connect hardware such as USB onto a computer (with window OS), the operating system automatically would display a pop-up message to warn the user that the system detect a hardware and have a list of programs for the users to choose from.

4. Referring to Claims 2, Fernandez discloses wherein said computer-assisted equipment provides entertainment (refer to Col 9, Lines 35-67).

5. Referring to Claim 3, Fernandez discloses wherein said computer-assisted equipment is an audio reproduction system (refer to Col 10, Lines 50-61).

6. Referring to Claim 4, Fernandez discloses wherein said computer-assisted equipment (4, refer to Fig 2) is a remote control device (refer to Col 7, Lines 14-

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25) that controls functions of a video entertainment system (refer to Col 7, Lines 5-15), said video entertainment system receiving content from said remote computer (refer to Col 10, Lines 15-25).

7. Referring to Claim 5, Fernandez discloses wherein said determining step includes said remote computer informing said computer-assisted equipment (4, refer to Fig 2) that at least one additional service program is available (refer to Col 10, Lines 15-25), said computer-assisted equipment selecting from among said service program and said at least one additional service program (refer to Col 10, Lines 25-35).

8. Referring to Claim 6, Fernandez discloses additionally comprising said remote computer (6) receiving a selection from said computer-assisted equipment (4, refer to Fig 2), said selection indicating which of said service program and said at least one additional service program a user has selected (refer to Col 10, Lines 25-36).

9. Referring to Claim 7, Fernandez discloses wherein said remote computer (6, Fig 2) is a general- purpose computer (refer to Col 8, Lines 20-30).

10. Referring to Claim 8, Fernandez discloses wherein said message (communication) is a service request that indicates that said computer-assisted

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equipment (4, refer to Fig 2) is ready to operate cooperatively with said remote computer (6, Fig 2, and refer to Col 5, Lines 60-67 and Col 6, Lines 1-60).

11. Referring to Claim 9, Fernandez discloses further comprising said remote computer (6, refer to Fig 2) transmitting content to said computer-assisted equipment (4, refer to Fig 2) under the control of said service program (refer to Col 6, Lines 40-60).

12. Referring to Claim 10, Fernandez discloses in a computer-assisted appliance (4, refer to Fig 2), a method for interacting with a remote computer that executes a service program (refer to Col 5, Lines 60-67), comprising the steps of: transmitting a service request to said remote computer (communication 161 and mapping information 162), receiving an interface instruction that enables said remote computer to execute a portion of a particular service program (track and correlate movement activity - refer to Col 5, Lines 67), transmitting a user input to said remote computer in accordance with said interface instruction (user instruction, refer to Col 6, Lines 50-67), and receiving content from said remote computer in response to said interface instruction (provide data, report information, 168, refer to Col 6, Lines 1-5).

13. Referring to Claim 12, Fernandez discloses wherein said remote computer is one of a portable and a desktop computing device (refer to Col 8, Lines 20-30).

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14. Referring to Claim 13, Fernandez discloses wherein said appliance is an audio system (refer to Col 7, Lines 5-15) that conveys music, and wherein said content includes a music file (audio information, refer to Col 11, Lines 30-35 and Col 14, Lines 45-60).

15. Referring to Claim 11, Fernandez discloses wherein said service request includes an indication that said computer-assisted appliance (4, refer to Fig 2) is available and is ready to receive said service program (66).

Fernandez does not expressly indicate the appliance is available and is ready to receive the service program.

Official Notice is taken that it is obvious to one ordinary skill in the art that now a day it is very common for such indicate notice to notify the users.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to indicate the appliances readiness by the service request.

The suggestion and motivation for doing so would have been that would have been that Fernandez indicate the usage of USB and operating system (refer to Col 3, Lines 15-41) It is well known in the art that when connect hardware such as USB onto a computer (with window OS), the operating system automatically would display a pop-up message to warn the user that the system detect a hardware and have a list of programs for the users to choose from.

16. Referring to Claim 25, Fernandez discloses wherein said determining step includes receiving a selection as to which service program (web site) has been

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selected (refer to Col 9, Lines 1-10) by a user of said computer-assisted equipment (4, refer to Fig 2).

17. Referring to Claim 16, Fernandez discloses wherein said service program (66, refer to Col 5, Lines 60-67) influences the function of a display located on said computer-assisted appliance (4, refer to Fig 2 and Col 8, Lines 1-12).

18. Referring to Claim 17, Fernandez discloses wherein said service program (66, refer to Col 5, Lines 60-67) influences a function of a remote control device (6, refer to Fig 2) used to control an entertainment device (4, refer to Fig 2).

19. Referring to Claim 18, Fernandez discloses a computer-assisted appliance (4, refer to Fig 2) comprising: an interface module (refer to Col 8, Lines 1-11) for communicating with a remote computer and for receiving an interface instruction from said remote computer (refer to Col 6, Lines 30-67); a processor (48, refer to Col 6, Lines 50) for translating said interface instruction into an appliance-specific instruction (it is inherent that the processor is to translate the human language into machine readable language) for use by said computer-assisted appliance', and a user interface controller (6, refer to Col 6, lines 52) for presenting information to a user and receiving information from said user in accordance with said appliance-specific instruction (Col 10, Lines 44-61).

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20. Referring to Claim 19, Fernandez discloses wherein said interface module communicates (4, refer to Fig 2) with said remote computer (6, refer to Fig 2) by way of a wireless communications interface (output, refer to Col 8, Lines 1-20 and Col 13 and 14).

21. Referring to Claim 20, Fernandez discloses wherein said interface module (165) also remotely controls a video entertainment system by way of a wireless interface (refer to Col 12, Lines 20-30, and Col 14, Lines 10-25).

22. Referring to Claim 21, Fernandez discloses wherein said appliance-specific instruction enables said computer-assisted appliance (4, refer to Fig 2) to display text to said user via a user interface coupled to said user interface controller (refer to Col 10, Lines 1-36 and Col 13 and 14).

23. Referring to Claim 22, Fernandez discloses the computer-assisted appliance of claim 18, wherein said appliance-specific instruction enables said computer-assisted appliance to display graphics to said user via a user interface coupled to said user interface controller (refer to Col 5, Lines 60-67 and Col 6, Lines 1-15).

24. Referring to Claim 23, Fernandez discloses further comprising a memory (49, refer to Col 8, Lines 13-20) coupled to said processor (48, refer to Col 8, Lines 13-20) for storing content received by way of said interface module (refer to Col 8, Lines 1-12).

25. Referring to Claim 26, Fernandez discloses wherein said remote computer (6, refer to Fig 2) is interfaced to a network and wherein said remote computer communicates with a network location available on said network (refer to Col 2, Lines 22- 51, and Col 15, Lines 1-31).

26. Referring to Claim 27, Fernandez discloses wherein said transmitting step is accomplished by way of transmitting said interface instruction using a wireless interface (cellular phone is a wireless device which consists of a wireless interface, refer to Col 8, Lines 1-20).

27. Referring to Claim 28, Fernandez discloses a computer-assisted appliance (4, refer to Fig 2) comprising: means for communicating (refer to Col 5, Lines 60-67) with a remote computer (6), means for receiving an instruction from said remote computer (refer to Col 10, Lines 15-25), means for converting said instruction to at least one appliance-specific instruction (it is inherent that the processor is to translate the human language into machine readable language), and means for accepting an input from a user in accordance with said appliance-specific instruction (refer to Col 8, Lines 1-11).

28. Referring to Claim 29, Fernandez discloses wherein said means for communicating with said remote computer (6, refer to Fig 2) includes a wireless communications transmitter (when receive and transmit information, it is inherent

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that the system consists of a communication receiver/transmitter, refer to Col 5, Lines 60-67 and Col 6, Lines 1-30).

29. Referring to Claim 30, Fernandez discloses wherein said means for receiving an instruction from said remote computer (6, refer to Fig 2) includes a wireless communications receiver (when receive and transmit information, it is inherent that the system consists of a communication receiver, refer to Col 5, Lines 60-67 and Col 6, Lines 1-30).

30. Referring to Claim 31, Fernandez discloses displaying information to a user of said computer-assisted appliance (refer to Col 6, Lines 40-60).

31. Referring to Claims 32, Fernandez discloses wherein said computer-assisted equipment provides entertainment (refer to Col 9, Lines 35-67).

32. Referring to Claim 35, Fernandez discloses one or more computer-readable media (Internet Browser, refer to Col 8, Line 33), wherein said receiving a service query step includes receiving an indicator that informs said computer of a function performed by said computer-assisted appliance (refer to Col 7, Lines 45-67 and Col 8, Lines 1-45).

33. Referring to Claim 35, Fernandez discloses one or more computer-readable media (Internet Browser, refer to Col 8, Line 33), wherein said determining step

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includes said computer searching through a list of application programs
(Fernandez indicates that the computer has ability search through a list of
websites, which is a list of application programs refer to Col 9, Lines 1-10).

34. Referring to Claim 36, Fernandez discloses one or more computer-readable
media (Internet Browser, refer to Col 8, Line 33), wherein said method further
comprises said computer-assisted appliance prompting said user for said input
(refer to Col 8, Lines 1-11).

II. Claims 14 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable
over Fernandez et al hereinafter Fernandez in view of "Official Notice" and in
further view of Murakoshi et al hereinafter Murakoshi (US 6,850,971).

1. Referring to Claim 14, Fernandez discloses indicates the user input (refer to
Col 8, Lines 1-11)

Fernandez does not expressly indicate input is a selection of a title of said music
file.

Murakoshi discloses a selection of a title of said music file (refer to Col 8, Lines
44-67 and Col 9, Lines 1-10)

At the time of the invention, it would have been obvious to a person of ordinary
skill in the art to combine

The suggestion and motivation for doing so would have been that Fernandez
indicates the remote computer (6) would receive data such as music (refer to Col

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14, Lines 45-60). By providing such a service to user, it would be conveniences for the user to carry a multifunction devices.

2. Referring to Claim 15, Fernandez discloses wherein said service program (66) includes instructions (executable) that enable (refer to Col 5, Lines 60-67) said audio system (refer to Col 7, Lines 5-15).

Fernandez does not expressly indicate a selection of a title of said music file.

Murakoshi discloses a selection of a title of said music file (refer to Col 8, Lines 44-67 and Col 9, Lines 1-10)

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to

The suggestion and motivation for doing so would have been that Fernandez indicates the remote computer (6) would receive data such as music (refer to Col 14, Lines 45-60). By providing such a service to user, it would be conveniences for the user to carry a multifunction devices.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen C Tang whose telephone number is (571)272-3116. The examiner can normally be reached on M-F 7 - 3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571)272-3939. The fax

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phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KT


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER